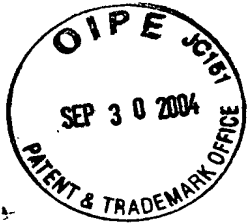


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PATENT
Attorney Docket No. 10016249-1
Express Mail Label No. EV413218665US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s)	Paul J. Mantey, et al.	Examiner	Nimesh G. Patel
Serial No.	09/918,023	Group Art No.	2112
Filed	July 30, 2001	Confirmation No.	1038
For	Method And Apparatus For In-System Programming Through A Common Connection Point Of Programmable Logic Devices On Multiple Circuit Boards Of A System		

September 30, 2004

Mail Stop AMENDMENT
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO JULY 30, 2004 OFFICE ACTION

Dear Sir:

Applicant is in receipt of the final office action mailed July 30, 2004. In response thereto Applicants request that the Examiner enter the following amendments, and requests reconsideration of the amended application in view of the remarks that follow.

IN THE CLAIMS section begins on page 2 of this response.

REMARKS section begins on page 4 of this response.

CONCLUSION section begins on page 6 of this response.



IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Paul J. Mantey, et al.

Confirmation No.: 1038

Application No.: 09/918,023

Examiner: Nimesh G. Patel

Filing Date: July 30, 2001

Group Art Unit: 2112

Title: METHOD AND APPARATUS FOR IN-SYSTEM PROGRAMMING THROUGH A COMMON CONNECTION POINT OF PROGRAMMABLE LOGIC DEVICES ON MULTIPLE CIRCUIT BOARDS OF A SYSTEM

Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment () Petition to extend time to respond
() New fee as calculated below () Supplemental Declaration
(X) No additional fee
(X) Other: Return Post Cards (fee \$)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	6	MINUS	20	= 0	X \$18	\$ 0
INDEP. CLAIMS	1	MINUS	3	= 0	X \$86	\$ 0
[] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$290	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$420.00	3RD MONTH \$950.00	4TH MONTH \$1480.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

"Express Mail" label no. EV413218665US

Date of Deposit Sep. 30, 2004

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By Janet Ridpath

Typed Name: Janet Ridpath

Respectfully submitted,

Paul J. Mantey, et al.

By

Peter C. Knops

Attorney/Agent for Applicant(s)
Reg. No. 37,659

Date: Sep. 30, 2004